

**Om protein - protein search, using sw model**

Run on: January 7, 2002, 15:41:57 ; Search time 90.83 seconds  
 (without alignments)  
 11.397 Million cell updates/sec

Title: US-08-569-749-7  
 Perfect score: 269  
 Sequence: 1 LARAGFYIIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 46

Scoring table: BLOSUM62  
 Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0  
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
 Maximum Match 100%  
 Listing first 45 summaries

Database : Issued\_Patents\_AA:\*

1: /con2\_6/ptodata/2/iaa/5A\_COMB.pep:\*

2: /con2\_6/ptodata/2/iaa/5B\_COMB.pep:\*

3: /con2\_6/ptodata/2/iaa/6A\_COMB.pep:\*

4: /con2\_6/ptodata/2/iaa/6B\_COMB.pep:\*

5: /con2\_6/ptodata/2/iaa/PCUS.COMB.pep:\*

6: /con2\_6/ptodata/2/iaa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	269	100.0	46	4 US-08-569-749-7
2	269	100.0	46	5 PCT-US96-12860-7
3	269	100.0	67	2 US-08-511-485-23
4	269	100.0	438	5 PCT-US95-0592A-2
5	269	100.0	618	2 US-08-511-485-8
6	269	100.0	618	3 US-09-212-971-8
7	269	100.0	618	4 US-08-800-929A-8
8	269	100.0	618	4 US-08-569-749-2
9	269	100.0	618	4 PCT-US96-12860-8
10	269	100.0	618	5 PCT-US96-12860-2
11	264	98.1	612	3 US-09-212-971-14
12	264	98.1	612	4 US-08-800-929A-14
13	264	98.1	612	4 US-08-569-749-14
14	264	98.1	612	4 US-08-517-053A-14
15	264	98.1	612	5 PCT-US96-12860-14
16	251	93.3	604	2 US-08-511-485-6
17	251	93.3	604	3 US-09-212-971-6
18	251	93.3	604	3 US-09-800-929A-6
19	251	93.3	604	4 US-08-617-053A-6
20	251	93.3	604	4 US-09-617-053A-6
21	248	92.2	45	4 US-08-569-749-8
22	248	92.2	45	5 PCT-US96-12860-8
23	248	92.2	604	4 US-08-569-749-4
24	248	92.2	604	5 PCT-US96-12860-4
25	241	86.6	600	3 US-09-212-971-12
26	241	89.6	600	4 US-08-800-929A-12
27	89.6	600	4	US-09-617-053A-12

ALIGNMENTS

Query	Match	Length	DB ID	Description
Sequence 7, Appl	Sequence 7, Appl	46	4 US-08-569-749-7	Sequence 7, Appl
Sequence 7, Appl	Sequence 7, Appl	5	5 PCT-US96-12860-7	Sequence 7, Appl
Sequence 23, Appl	Sequence 23, Appl	2	2 US-08-511-485-23	Sequence 23, Appl
Sequence 5, Appl	Sequence 5, Appl	5	5 PCT-US95-0592A-2	Sequence 5, Appl
Sequence 24, Appl	Sequence 24, Appl	2	2 US-08-511-485-8	Sequence 24, Appl
Sequence 3, Appl	Sequence 3, Appl	3	3 US-09-212-971-8	Sequence 3, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-08-800-929A-8	Sequence 4, Appl
Sequence 14, Appl	Sequence 14, Appl	4	4 US-08-569-749-2	Sequence 14, Appl
Sequence 14, Appl	Sequence 14, Appl	4	4 US-08-517-053A-14	Sequence 14, Appl
Sequence 14, Appl	Sequence 14, Appl	4	4 US-09-617-053A-6	Sequence 14, Appl
Sequence 14, Appl	Sequence 14, Appl	22	22 US-08-511-485-22	Sequence 14, Appl
Sequence 5, Appl	Sequence 5, Appl	5	5 US-09-617-053A-6	Sequence 5, Appl
Sequence 6, Appl	Sequence 6, Appl	6	6 US-09-617-053A-6	Sequence 6, Appl
Sequence 6, Appl	Sequence 6, Appl	6	6 US-08-569-749-8	Sequence 6, Appl
Sequence 8, Appl	Sequence 8, Appl	8	8 US-08-569-749-8	Sequence 8, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-08-569-749-4	Sequence 4, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-09-617-053A-4	Sequence 4, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-08-511-485-20	Sequence 4, Appl
Sequence 20, Appl	Sequence 20, Appl	20	20 US-08-511-485-20	Sequence 20, Appl
Sequence 10, Appl	Sequence 10, Appl	10	10 US-08-511-485-10	Sequence 10, Appl
Sequence 10, Appl	Sequence 10, Appl	10	10 US-08-800-929A-10	Sequence 10, Appl
Sequence 10, Appl	Sequence 10, Appl	10	10 US-09-617-053A-10	Sequence 10, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-09-121-979-4	Sequence 4, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-09-312-319-4	Sequence 4, Appl
Sequence 4, Appl	Sequence 4, Appl	4	4 US-08-511-485-25	Sequence 4, Appl
Sequence 24, Appl	Sequence 24, Appl	24	24 US-08-511-485-24	Sequence 24, Appl
Sequence 23, Appl	Sequence 23, Appl	23	23 US-08-836-134-23	Sequence 23, Appl
Sequence 2, Appl	Sequence 2, Appl	2	2 US-08-836-134-2	Sequence 2, Appl
Sequence 15, Appl	Sequence 15, Appl	15	15 US-08-511-485-15	Sequence 15, Appl
Sequence 13, Appl	Sequence 13, Appl	13	13 US-08-511-485-13	Sequence 13, Appl

Query Match Similarity 100.0%; Score 269; DB 4; Length 46;  
 Best Local Similarity 100.0%; Pred. No. 3.3e-28;  
 Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LARAGFYIIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 46  
 Db 1 LARAGFYIIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 46

RESULT 2  
PCT-US96-12860-7  
Sequence 7, Application PC/TUS9612860  
GENERAL INFORMATION:  
APPLICANT: TULARIK, INC.  
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HORNACH, TEST, ALBRITTON & HERBERT  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12860  
FILING DATE: 06 AUG 1996  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brezner, David J.  
REGISTRATION NUMBER: 24,774  
REFERENCE/DOCKET NUMBER: A-62464/DJB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 398-3249  
TELEFAX: (415) 781-1989  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 46 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-12860-7

RESULT 3  
US-08-511-485-3  
Sequence 23, Application US/08511485  
Patient No. 5919912  
GENERAL INFORMATION:  
APPLICANT: Korneluk, Robert G.  
APPLICANT: Mackenzie, Alexander E.  
APPLICANT: Baird, Stephen  
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS, PROBES, AND DETECTION METHODS  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

Query Match 100.0%; Score 269; DB 5; Length 46;  
Best Local Similarity 100.0%; Pred. No. 3.3e-28;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LARAGFYIIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 46  
Db 21 LARGFYIIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 66

RESULT 4  
PCT-US95-05922A-2  
Sequence 2, Application PC/TUS9505922A  
GENERAL INFORMATION:  
APPLICANT: HE, ET AL.  
TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA

ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05922A  
FILING DATE: 11 MAY 1995  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: VARRA, GREGORY D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 325800-292  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 438 AMINO ACIDS  
TYPE: AMINO ACID  
STRANDEDNESS:  
SIRKANDENESS:

; TOPOLOGY: LINEAR  
; MOLECULE TYPE: PROTEIN  
; PCT-US95-05922A-2

Query Match 100.0%; Score 269; DB 5; Length 438;  
Best Local Similarity 100.0%; Pred. No. 3.7e-27;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LARGFYYIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 46  
Db 24 LARGFYYIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 69

RESULT 5

US-08-511-485-B

; Sequence 8, Application US/08511485

; Patent No. 5919912

; GENERAL INFORMATION:

; APPLICANT: Korneluk, Robert G.

; APPLICANT: Mackenzie, Alexander E.

; APPLICANT: Baird, Stephen

; APPLICANT: Tsang, Benjamin K

; TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND

; TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE

; FILE REFERENCE: 07801/009002

; CURRENT APPLICATION NUMBER: US/09/212,971B

; EARLIER APPLICATION NUMBER: 60/017,354

; EARLIER FILING DATE: 1990-04-26

; EARLIER APPLICATION NUMBER: 60/030,590

; EARLIER FILING DATE: 1990-11-14

; EARLIER APPLICATION NUMBER: 08/800,929

; CURRENT FILING DATE: 1997-02-13

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSBQ for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 618

; TYPE: PRT

; ORGANISM: Homo sapiens

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/511,485

; FILING DATE: 04-AUG-1995

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Clark, Paul T.

; REGISTRATION NUMBER: 30,162

; REFERENCE/DOCKET NUMBER: 07540/002001

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617/542-5070

; TELEX: 200154

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 618 amino acids

; TYPE: amino acid

; STRANDEDNESS: not relevant

; TOPOLOGY: both

; MOLECULE TYPE: protein

; US-08-511-485-8

Query Match 100.0%; Score 269; DB 2; Length 618;

Best Local Similarity 100.0%; Pred. No. 5.3e-27;

Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LARGFYYIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 45  
Db 204 LARGFYYIGPGDRVACFAGGKLSNWPKDDAMSEHRRHFPNCPF 249

RESULT 6

US-09-212-971-B

; Sequence 8, Application US/09212971B

; Patent No. 6507041

; GENERAL INFORMATION:

; APPLICANT: Korneluk, Robert G  
; APPLICANT: Mackenzie, Alexander E  
; APPLICANT: Liston, Peter  
; APPLICANT: Baird, Stephen  
; APPLICANT: Tsang, Benjamin K

; TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND  
; TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE

; FILE REFERENCE: 07801/009002

; CURRENT APPLICATION NUMBER: US/09/212,971B

; EARLIER APPLICATION NUMBER: 60/017,354

; EARLIER FILING DATE: 1990-04-26

; EARLIER APPLICATION NUMBER: 60/030,590

; EARLIER FILING DATE: 1990-11-14

; EARLIER APPLICATION NUMBER: 08/800,929

; CURRENT FILING DATE: 1997-02-13

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSBQ for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 618

; TYPE: PRT

; ORGANISM: Homo sapiens

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Clark & Ebing LLP

; STREET: 176 Federal Street

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSBQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/800,929

; FILING DATE: 13-FEB-1997

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/030,590

; FILING DATE: 14-NOV-1995

; APPLICATION NUMBER: 60/017,354

; FILING DATE: 20-APR-1996

; ATTORNEY/AGENT INFORMATION:

NAME: Bleker-Brady, Kristina  
 REGISTRATION NUMBER: 07891/009001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-428-0200  
 TELEX: 617-428-7045

INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 618 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-800-929A-8

RESULT 8  
 Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;  
 Matches 46; Conservative 0; Sequence 2, Application US/08569749  
 ; PATENT NO. 6187557  
 GENERAL INFORMATION  
 APPLICANT: Rothe, Mike  
 COMPUTER: Goeddel, David V  
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/569,749  
 FILING DATE: CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brezner, David J.  
 REGISTRATION NUMBER: 24,774  
 REFERENCE/DOCKET NUMBER: A-62464/DJB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 781-1989  
 TELEX: (415) 398-2249  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 618 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-569-749-2

Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LARAGFYVIGPGDRVACFAGGKLSNWEPKDDAMSEHRRHFPNCPE 46  
 Db 204 LARAGFYVIGPGDRVACFAGGKLSNWEPKDDAMSEHRRHFPNCPE 249

RESULT 9  
 Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;  
 Matches 46; Conservative 0; Sequence 2, Application US/09617053A  
 ; PATENT NO. 6300492  
 GENERAL INFORMATION:  
 APPLICANT: Korneiuk, Robert G  
 COMPUTER: Mackenzie, Alexander E  
 APPLICANT: Liston, Peter  
 APPLICANT: Tsang, Benjamin K  
 APPLICANT: Pratt, Christine  
 APPLICANT: Baird, Stephen  
 APPLICANT: Ng, Alan  
 TITLE OF INVENTION: DETECTION AND MODULATION OF TAPS AND TREATMENT OF PROLIFERATIVE DISEASE  
 FILE REFERENCE: 0791/009003  
 CURRENT APPLICATION NUMBER: US/09/617,053A  
 CURRENT FILING DATE: 2000-07-14  
 PRIOR APPLICATION NUMBER: US 08/800,929  
 PRIOR FILING DATE: 1997-02-13  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 8  
 LENGTH: 618  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-617-053A-8

RESULT 10  
 PCT-US96-12860-2  
 Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;  
 Matches 46; Conservative 0; Sequence 2, Application PC/TUS9612860  
 ; GENERAL INFORMATION:  
 APPLICANT: TULARKT, INC.  
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/12860  
 FILING DATE: 06 AUG 1996  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: U. S. Serial Nos. 08/512,946 & 08/569,749  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brezner, David J.  
 REGISTRATION NUMBER: 24,774  
 REFERENCE/DOCKET NUMBER: A-62464/DJB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 781-1989

Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LARAGFYVIGPGDRVACFAGGKLSNWEPKDDAMSEHRRHFPNCPE 46

Query Match 100.0%; Score 269; DB 4; Length 618;  
 Best Local Similarity 100.0%; Pred. No. 5.3e-27; Mismatches 0; Indels 0; Gaps 0;

TELEFAX: (415)398-3249  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 618 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 PCT-US96-12860-2

TITLE OF INVENTION: IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE DISEASE  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Clark & Ebing LLP  
 STREET: 176 Federal Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/800.929A  
 CLASSIFICATION: 424  
 FILING DATE: 13-FEB-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/030,590  
 FILING DATE: 14-NOV-1996  
 APPLICATION NUMBER: 60/017,354  
 FILING DATE: 26-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Bleker-Brady, Kristina  
 REGISTRATION NUMBER:  
 REFERENCE/DOCKET NUMBER: 07891/009001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-428-0200  
 TELEFAX: 617-428-7045  
 TELEX:

INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 612 amino acids  
 NUMBER OF SEQUENCES: 14  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-800-929A-14

Query Match 98.1%; Score 264; DB 3; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; 0: Gaps  
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Query 1 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 46  
 Db 197 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 242

RESULT 13  
 US-08-569-749-14  
 Query Match 98.1%; Score 264; DB 4; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; 0: Gaps  
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Query 1 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 46  
 Db 197 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 242

RESULT 12  
 US-08-800-929A-14  
 Sequence 14, Application US/08800929A  
 Patent No. 6133437  
 GENERAL INFORMATION:  
 APPLICANT: Korneluk, Robert G  
 APPLICANT: Mackenzie, Alexander E  
 APPLICANT: Liston, Peter  
 APPLICANT: Baird, Stephen  
 APPLICANT: Tsang, Benjamin K  
 APPLICANT: Pratt, Christine  
 TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE DISEASE  
 TITLE OF INVENTION: DISEASE  
 FILE REFERENCE: 07891/009002  
 CURRENT APPLICATION NUMBER: US/09/212,971B  
 CURRENT FILING DATE: 1998-12-16  
 EARLIER APPLICATION NUMBER: 60/017,354  
 EARLIER FILING DATE: 1996-04-26  
 EARLIER APPLICATION NUMBER: 60/030,590  
 EARLIER FILING DATE: 1996-11-14  
 EARLIER APPLICATION NUMBER: 08/800,929  
 EARLIER FILING DATE: 1997-02-13  
 NUMBER OF SEQ ID NOS: 17  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 14  
 LENGTH: 612  
 TYPE: PRT  
 ORGANISM: Mus musculus  
 US-09-212-971-14

Query Match 98.1%; Score 264; DB 3; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; 0: Gaps  
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Query 1 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 46  
 Db 197 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 242

RESULT 13  
 US-08-569-749-14  
 Query Match 98.1%; Score 264; DB 4; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; 0: Gaps  
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Query 1 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 46  
 Db 197 LARAGFYIIGPGDRVACFGGKLNSWEPKDDAMSEHRRHFPNCPF 242

RESULT 12  
 US-08-800-929A-14  
 Sequence 14, Application US/08800929A  
 Patent No. 6133437  
 GENERAL INFORMATION:  
 APPLICANT: Rotele, Mike  
 APPLICANT: Goeddel, David V  
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: REHR, ROHACH, TEST, ALBRITTON & HERBERT  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTY: USA  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/569,749  
 FILING DATE:  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brezner, David J.  
 REGISTRATION NUMBER: 24,774  
 REFERENCE/DOCKET NUMBER: A-62464/DJB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415)781-1989  
 TELEFAX: (415)398-2249  
 INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 612 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-569-749-14

RESULT 14

Query Match 98.1%; Score 264; DB 4; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; Indels 0; Gaps 0;  
 Matches 45; Conservative 1; Mismatches 0; Dels 0; Gaps 0;

Qy 1 LARAGFYVIGPGRVACFACGGKLSNWEPKDDAMSEHRRHFNCPE 46  
 Db 197 LARAGFYVIGPGRVACFACGGKLSNWEPKDDAMSEHRRHFHCPE 242

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US-09-617-053A-14

Sequence 14, Application US/09617053A  
 Patent No. 6300452  
 GENERAL INFORMATION:  
 APPLICANT: Korneluk, Robert G  
 APPLICANT: Mackenzie, Alexander E  
 APPLICANT: Lison, Peter  
 APPLICANT: Baird, Stephen  
 APPLICANT: Tsang, Benjamin K  
 APPLICANT: Pratt, Christine  
 APPLICANT: Pratt, Benjamin K  
 TITLE OF INVENTION: DETECTION AND MODULATION OF TAPS AND TREATMENT OF PROLIFERATIVE  
 TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE  
 FILE REFERENCE: 07681/00803  
 CURRENT APPLICATION NUMBER: US/09/617,053A  
 CURRENT FILING DATE: 2000-07-14  
 PRIOR APPLICATION NUMBER: US 08/600,929  
 PRIOR FILING DATE: 1997-02-13  
 NUMBER OF SEQ ID NOS: 17  
 SOFTWARE: FASTSEQ for Windows version 4.0  
 SEQ ID NO: 14  
 LENGTH: 612  
 TYPE: PRT  
 ORGANISM: Mus musculus  
 US-09-617-053A-14

Query Match 98.1%; Score 264; DB 5; Length 612;  
 Best Local Similarity 97.8%; Pred. No. 2.3e-26; Indels 0; Gaps 0;  
 Matches 45; Conservative 1; Mismatches 0; Dels 0; Gaps 0;

Qy 1 LARAGFYVIGPGRVACFACGGKLSNWEPKDDAMSEHRRHFNCPE 46  
 Db 197 LARAGFYVIGPGRVACFACGGKLSNWEPKDDAMSEHRRHFHCPE 242

Search completed: January 7, 2002, 15:41:57  
 Job time: 276 sec

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RESULT 15

PCT-US96-122860-14  
 Sequence 14, Application PC/TUS9612860  
 GENERAL INFORMATION:  
 APPLICANT: TULARIK, INC.  
 TITLE OF INVENTION: INHIBITORS OF APOPTOSIS  
 NUMBER OF SEQUENCES: 14

Tue Jan 8 08:23:41 2002

us-08-569-749-7.rai

